

EMERGENCY RESPONSE

PART 1 – GENERAL

1.1 Description

In the event that City of Austin maintenance crews are unable to perform emergency response and repairs for the water distribution system, the CONTRACTOR may be called upon to perform these services. In such an event, the work will include providing on-call, emergency services. Emergencies will be unplanned events, and will require that the CONTRACTOR provide immediate response to repair/ replace one or more components of the distribution system due to failure, breakage, etc. The CONTRACTOR shall furnish and install all material and equipment required to complete the Work in compliance with all applicable provisions of the Contract Documents. Anticipated waterline sizes include 2-in thru 72-in diameter.

Activities by the CONTRACTOR for emergency waterline repairs may include, but are not limited to:

- A. Setup, maintenance, and operation of temporary traffic controls in accordance with Texas Manual on Uniform Traffic Control Devices (MUTCD) and to the satisfaction of City of Austin Right-of-Way Management Division (ROWMAN);
- B. Removal, repair and/or replacement of existing gate, butterfly or plug valves, and valve bypass systems;
- C. Removal, repair and/or replacement of damaged pipeline. Anticipated pipeline materials include cast iron, ductile iron, AC, PVC, CSC (bar-wrapped and pre-stressed type), or welded steel;
- D. On waterlines up to 12-inches in diameter, installing Team Industrial Insert Valve or EZ Valve technology, or approved equal, as needed for water flow isolation;
- E. On waterlines between 4-inches and 72-inches in diameter, incorporating approved line stop technology as needed to stop waterline flow or provide isolation of existing water valves;
- F. Welding plate steel repair plates or butt straps to CSC or welded steel pipe;
- G. Dewatering excavations with suitable size and number of pumps to promptly provide a safe working environment while making necessary repairs;
- H. Installation and removal of temporary jumper systems to provide uninterrupted water service to customers during a repair;
- I. Having the ability to provide available workforce to work around the clock as needed to eliminate the emergency condition. Work on other, non-emergency projects under this contract may be temporarily suspended to divert the CONTRACTOR's resources to the emergency project, if needed;
- J. Temporary or permanent restoration/replacement of roadway pavement materials, curb and gutter, sidewalk, driveways, vegetation, plants, etc. as directed by the OWNER's designated representative;
- K. Hauling and disposal of unused materials.

1.2 References

Section 00300U-IDIQ – Bid Form

Section 00400 – Statement of Bidder's Experience

Sections 01020-IDIQ – Allowances

Section 01200 – Project Meetings

TMUTCD – Texas Manual on Uniform Traffic Control Devices

1.3 Definitions

- A. Emergency: Emergencies shall be designated by the OWNER, but will generally consist of a problem with the water distribution system which requires the CONTRACTOR to immediately mobilize and provide a remedy. An emergency is not planned in advance and is a direct result of a water distribution system failure, breakage, etc.

1.4 CONTRACTOR's Qualifications

The CONTRACTOR's "Emergency Response Experience" must be submitted as required by Section 00400, Statement of Bidder's Experience, Attachment B (Statement of Experience).

PART 2 – PRODUCTS – (NOT USED)

PART 3 – EXECUTION

3.1 Submittals

- A. The CONTRACTOR shall submit primary and secondary contact information for their designated Emergency Response Contacts as required by Section 01200, Paragraph 1.4.C.

3.2 Materials

Where applicable, all materials used on this contract shall comply with all requirements established within the Project Manual, the City of Austin Standard Products List, and any Standard or Special Details as provided to the CONTRACTOR as part of the Work. The CONTRACTOR may be required to pre-purchase and store certain materials that are not readily available and are anticipated to be needed during certain repairs.

3.3 Construction Methods

- A. The CONTRACTOR shall have the project Superintendent, Project Manager, Safety Representative or other approved employee on call at all times prepared to respond to an emergency.
- B. Construction methods for emergency response items will vary on a case by case basis, depending on the nature of the emergency. Upon notification by the OWNER that an emergency repair is needed, the CONTRACTOR and OWNER will meet immediately to coordinate an efficient response strategy and subsequent construction methods. An emergency may require that only the prime CONTRACTOR respond, or may require that the CONTRACTOR and sub-contractors respond as well.
- C. To the extent possible, all existing adjacent utilities shall be located by the CONTRACTOR and protected to insure further damage does not occur to other utilities.

3.4 CONTRACTOR Response Time

- A. Once an emergency occurs, the OWNER will immediately notify the CONTRACTOR's primary contact via telephone. In the event the primary contact is not able to be reached, the OWNER will phone the CONTRACTOR's secondary contact. The CONTRACTOR must be prepared to comply with the following maximum response times:
1. When the CONTRACTOR is notified of an emergency on a Working Day between the hours of 7:00 am and 6:00 pm, the CONTRACTOR shall have a crew foreman or higher dispatched to the Work site within one (1) hour of initial notification to evaluate the emergency and coordinate the Work with City staff.
 2. When the CONTRACTOR is notified of an emergency at any time on a non-Working Day, or between the hours 6:00 pm and 7:00 am, the CONTRACTOR shall have a crew foreman or higher dispatched to the Work site within four (4) hours of initial notification to evaluate the emergency and coordinate the Work with City staff.
 3. The CONTRACTOR is required to be mobilized to the Work site and begin productive work towards resolution of the emergency condition within eight (8) hours of meeting on site.
 4. At the sole discretion of the OWNER, the CONTRACTOR's response time may be adjusted on a case by case basis to accommodate site specific conditions or specialized equipment requirements.

3.5 Measurement and Payment

All work performed as a result of an emergency notification will be paid for using the Pay Items in the Bid Form. The CONTRACTOR's mobilization for emergency waterline repairs will be paid for by the Mobilization Allowance as defined by Sections 01020-IDIQ, Allowances and 00300U-IDIQ, Bid Form of the Contract Documents.

No separate payment will be made for the CONTRACTOR being "on-call", for preparatory efforts, or for equipment and material purchases made that were not used for a specific emergency project.

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